REMARKS
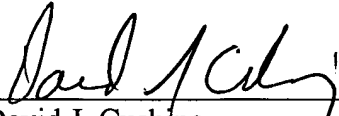
Entry and consideration of this Amendment is respectfully requested.

Respectfully submitted,

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Date: March 7, 2001

APPENDIX

VERSION WITH MARKINGS TO SHOW CHANGES MADE

IN THE SPECIFICATION:

The specification is changed as follows:

Page 1, after the title,   insert the heading:

BACKGROUND OF THE INVENTION

Page 2, after line 23,   insert the heading:

SUMMARY OF THE INVENTION

Page 6, after line 4,   insert the heading:

BRIEF DESCRIPTION OF THE DRAWINGS

after line 15,   insert the heading:

DETAILED DESCRIPTION OF THE INVENTION

IN THE CLAIMS:

The claims are amended as follows:

3.   (Amended) A method according to claim 1 or claim 2, characterized in that, to

filter the noise signal, the statistical distribution of the noise power measurements is observed for

a particular period (T) during which a statistically representative number of measurement

samples is collected and which is sufficiently short for the noise to remain practically stationary.

5. (Amended) A method according to claim 3 ~~or claim 4~~, characterized in that the noise value used is the maximum value over the particular period (T).

6. (Amended) A method according to claim 3 ~~or 4~~, characterized in that the moments of the distribution are determined.

8. (Amended) A method according to claim 1 ~~or claim 2~~, characterized in that a finite or infinite impulse response low-pass filter is used to filter the noise signal.

9. (Amended) A method according to ~~any preceding~~ claim 1, characterized in that a finite impulse response filter is used to filter the wanted signal (E_b).

11. (Amended) A method according to claim 9 ~~or claim 10~~, characterized in that the transmitter provides a reference signal with a regular period at a particular level and the signal-to-noise ratio is estimated from that reference signal.

12. (Amended) A method according to ~~any of claims 1 to 8~~ claim 1, characterized in that an infinite impulse response filter is used to filter the estimate of the wanted signal.

14. (Amended) A method according to claim 12 ~~or claim 13~~, characterized in that packets or cells are received sporadically and each packet or cell received is filtered.

15.   (Amended)An application of the method according to ~~any preceding~~ claim 1 to estimating the signal-to-noise ratio in a telecommunications receiver sending data for controlling the power of a corresponding transmitter.

IN THE ABSTRACT OF DISCLOSURE:

A new Abstract has been added. Please see section above.